

52

2. (Three Times Amended) A three-dimensional image-capturing apparatus comprising:
a single image-capturing device;
a plurality of imaging-side reflection means having reflectors provided to be obliquely outward, each one of the imaging-side reflection means corresponding to one of a plurality of different portions of an image-capturing region of said single image-capturing device;
a plurality of subject-side reflection means having reflectors provided outer from the imaging side reflection means so as to be oblique with respect to a subject, each one of the subject-side reflection means corresponding to a different one of the imaging-side reflection means, the subject-side reflection means reflecting rays from said subject to the corresponding imaging-side reflection means;
a plurality of lenses or lens units provided to be closer to said single image-capturing device than the subject-side reflection means in optical paths formed from said subject to the different portions of the image-capturing region so that rays from said subject to the different portions of the image-capturing region are reflected by the imaging-side reflection means through the lenses or lens units, each one of the lens or lens unit corresponding to a different one of the different portions of the image-capturing region, the lenses or lens units forming a plurality of images of said subject which have parallax; and
a plurality of diaphragms, each one of the diaphragms corresponding to a different one of the lenses or lens units, in which when each optical path has a lens, the diaphragms are provided to be closer to said subject than the corresponding lens and in which when each optical path has a lens unit, the diaphragms are provided to be closer to said subject than a lens of the corresponding lens unit.

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7. (Twice Amended) A stereo-camera recording/reproducing systems comprising:

- a three-dimensional image-capturing apparatus comprising a single image-capturing device having a plurality of image-capturing regions and a plurality of optical systems, each one of the optical systems for forming an image of a subject in a different corresponding one of the image-capturing regions;
- a timing generator for driving said three-dimensional image-capturing apparatus so as to output the images formed in the image-capturing regions in the form of a single video signal;
- a driver;
- a camera signal processor for implementing camera signal processing on the single video signal;
- a signal recorder for recording, on a single recording medium, the processed video signal output from said camera signal process;
- a single reproducer for reproducing the video signal recorded on the recording medium;
- a video separating circuit for separating the reproduced video signal from the reproducer into signals corresponding to the image-capturing regions; and
- display apparatus for displaying the signals corresponding to the image-capturing regions, which are output from said video separating circuit;

wherein the optical systems include a plurality of reflection means for reflecting rays from said subject a number of times and at least a lens provided to be closer to said image capturing device than the reflection means closest to said subject, each one of the reflection means corresponding to a different one of the image-capturing regions, and

wherein the reflection means and the lenses are used to form, in the corresponding image-capturing regions, separate images of said subject which are captured from different viewpoints having a distance therebetween.

REMARKS

Claims 1-7 are pending in the application.

Independent claims 1, 2, and 7 have been herein to more clearly state that each set of lenses and reflection means corresponds to a different one of the image-capturing regions of the single image-capturing device. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKING TO SHOW CHANGES MADE".